

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A silane-containing polyvinyl alcohol polymer consisting essentially of a completely hydrolyzed or partially hydrolyzed vinyl ester copolymer having a degree of hydrolysis of from 75 to 100 mol%, obtained by free radical polymerization of

- a) vinyl acetate and from 1 to 30 mol%, based on total polymer, of 1-methylvinyl acetate, and;
- b) from 0.01 to [[10]] 1 mol% of one or more silane-containing, ethylenically unsaturated monomers, and
- c) hydrolysis of the polymers obtained thereby,

wherein the silane-containing, ethylenically unsaturated monomers is selected from the group consisting of ethylenically unsaturated silicon compounds of the general formula $R^1SiR_{0-2}^2(OR^3)_{1-3}$, in which each R^1 is independently $CH_2=CR^4-(CH_2)_{0-1}$ or $CH_2=CR^4CO_2(CH_2)_{1-3}$, each R^2 independently is a C_{1-3} -alkyl radical, C_{1-3} -alkoxy radical, or halogen, each R^3 independently is an optionally branched, optionally substituted C_{1-12} alkyl radical or a C_{2-12} acyl radical optionally interrupted by an ether group, and each R^4 is independently H or CH_3 , a (meth)acrylamide containing silane groups of the formula $CH_2=CR^5-CO-NR^6-R^7-SiR_{m-3}^8-(R^9)_{3-m}$, in which $m = 0$ to 2, each R^5 is independently H or a methyl group, each R^6 is independently H or a C_{1-5} alkyl group, each R^7 is independently a C_{1-5} alkylene group or a bivalent organic group in which the carbon chain is interrupted by an O or N atom, each R^8 is independently a C_{1-5} alkyl group, and each R^9 is independently a C_{1-40} alkoxy group optionally containing further heteroatoms selected from the group consisting of O, N, S, or P, and mixtures thereof.

2. - 3. (cancelled)

4. (original) The silane-containing polyvinyl alcohol of claim 1, having a Höppler viscosity according to DIN 53015, as 4% by weight aqueous solution of from 2 to 50 mPas.

5. (previously presented) The silane-containing polyvinyl alcohol of claim 1, wherein at least one silane-containing, ethylenically unsaturated monomers is selected from the group consisting of vinyltrimethoxysilane, vinylmethyldimethoxysilane, vinyltriethoxysilane, and vinylmethyldiethoxysilane.

6. (original) The silane-containing polyvinyl alcohols of claim 1, wherein said polymerization is a mass polymerization, a suspension polymerization or a polymerization in organic solvents.

7. (original) In a coating slip wherein a polymeric binder is employed, the improvement comprising selecting as at least one polymeric binder, a silane-containing polyvinyl alcohol of claim 1.

8. - 9. (cancelled)

10. (original) In a coating slip wherein a polymeric binder is employed, the improvement comprising selecting as at least one polymeric binder, a silane-containing polyvinyl alcohol of claim 4.

11. (original) In a coating slip wherein a polymeric binder is employed, the improvement comprising selecting as at least one polymeric binder, a silane-containing polyvinyl alcohol of claim 5.

12. (original) A coating slip-coated substrate, comprising a substrate and the coating slip of claim 7.

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13. (original) The coating slip-coated substrate of claim 12, wherein the substrate comprises paper, plastics-coated paper, or a plastics foil.

14. (original) The coating slip-coated substrate of claim 12, wherein the substrate is paper.

15. (original) The coating slip-coated substrate of claim 12, wherein said coating slip-coated substrate is suitable for use in ink jet printing.

16. (previously presented) The polyvinyl alcohol of claim 1, wherein silane-containing ethylenically unsaturated monomers are copolymerized in an amount of from 0.01 to 1.0 mol percent.

17. (currently amended) A silane-containing polyvinyl alcohol polymer consisting of a hydrolyzed vinyl ester copolymer having a degree of hydrolysis of from 97.5 to 100 mol%, obtained by free radical polymerization of

- a) a vinyl ester component comprising vinyl acetate and 1-methylvinyl acetate, and optionally wherein polymerized 1-methylvinylacetate comprise from 1 to 30 weight percent of the polymer, and
- b) from 0.01 to [[10]] 1 mol% of one or more silane-containing, ethylenically unsaturated monomers.

18. - 20. (cancelled)

21. (previously presented) The silane-containing polyvinyl alcohol of claim 17, wherein at least one silane-containing, ethylenically unsaturated monomers is selected from the group consisting of ethylenically unsaturated silicon compounds of the general formula $R^1SiR^{2-2}(OR^3)_{1-3}$, in which each R^1 is independently $CH_2=CR^4-(CH_2)_{0-1}$ or $CH_2=CR^4CO_2(CH_2)_{1-3}$, each R^2 independently is a C_{1-3} -alkyl radical, C_{1-3} -alkoxy radical, or halogen, each R^3 independently is an optionally branched, optionally substituted C_{1-12} alkyl radical or a C_{2-12} acyl

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radical optionally interrupted by an ether group, and each R⁴ is independently H or CH₃, and a (meth)acrylamide containing silane groups of the formula CH₂=CR⁵-CO-NR⁶-R⁷-SiR⁸_m-(R⁹)_{3-m}, in which m = 0 to 2, each R⁵ is independently H or a methyl group, each R⁶ is independently H or a C₁₋₅ alkyl group, each R⁷ is independently a C₁₋₅ alkylene group or a bivalent organic group in which the carbon chain is interrupted by an O or N atom, each R⁸ is independently a C₁₋₅ alkyl group, and each R⁹ is independently a C₁₋₄₀ alkoxy group optionally containing further heteroatoms selected from the group consisting of O, N, S, or P.

22. (currently amended) The silane-containing polyvinyl alcohol of claim 17, wherein at least one silane-containing, ethylenically unsaturated monomers is ~~selected~~ from the group consisting of vinyltrimethoxysilane, vinylmethyldimethoxysilane, vinyltriethoxysilane, and vinylmethyldiethoxysilane.

23. (new) The coating slip of claim 7, comprising:
- a) at least one pigment selected from the group consisting of silica, calcium carbonate, clay, bentonite, alumina, and titanium dioxide,
 - b) a cationic dispersant, and
 - c) from 10 to 50 weight percent based on solids of the silane-containing polyvinyl alcohol.